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Elizabeth Miller
Elizabeth Miller

June 13, 2002
Date

ATTY DOCKET NO. 10991394-5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Michel G.M. Perbost Group Art Unit: 1634
Serial No.: 09/895,050 Examiner: A. Chakrabarti
Filed: 06/29/2001
Title: BIOPOLYMER ARRAYS AND THEIR FABRICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED

JUN 27 2002

Dear Sir:

TECH CENTER 1600/2900

AMENDMENT AND RESPONSE

Please amend the claims as indicated in the attached APPENDIX. A clean copy of all the pending claims incorporating the amendments of the APPENDIX, is reproduced below:

- B1
29. (AMENDED) An apparatus for fabricating an addressable array of biopolymers on a substrate according to a target pattern, comprising:
(a) a deposition system which can separately dispense onto a substrate, fluid compositions of different biomonomers each with a first linking group which must be activated for linking to a substrate bound moiety, and a fluid composition of a solid activator;
(b) a processor to operate the deposition system, which processor derives from the target array pattern a target drive pattern for operating the deposition system to form the array, the target drive pattern comprising instructions to the deposition system to perform the following at each of multiple regions at which a biomonomer is to be deposited: